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WHAT IS CLAIMED IS:

- 1. An insecticide comprising at least one selected from a first group consisting of second, third and fourth groups, the second group consisting of each crude extract from *Paeonia suffruticosa*, *Cnidium officinale*, *Cinnamomum cassia*, mustard (*Brassica juncea*) and horseradish (*Cholearia aroracia*), the third group consisting of extracts obtained from each crude extract of *C. cassia*, cinnamon, mustard and horseradish of the second group and the fourth group consisting of derivatives of the third group.
- An insecticide according to claim 1, wherein said crude extracts from P.
 suffruticosa, C. officinale and C. cassia of the second group are
 methanol extracts.
- 3. An insecticide according to claim 1, wherein said crude extracts from cinnamon (the stem bark of *C. cassia*), mustard and horseradish of the second group are oils.
- 4. An insecticide according to claim 2, wherein said extracts from *C. cassia* of the third group are obtained by extracting the methanol extracts from *C. cassia* using hexane or chloroform.
- 5. An insecticide according to claim 4, wherein said hexane extracts from C. cassia comprise at least one compound of trans-cinnamaldehyde of formula 1, cinamyl alcohol of formula 2 and salicylaldehyde of formula 3.
 [Formula 1]

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[Formula 2]

[Formula 3]

- 6. An insecticide according to claim 5, wherein the derivatives from C. cassia of the fourth group comprise at least one compound of derivatives of said trans-cinnamaldehyde, cinamyl alcohol and salicylaldehyde.
- 7. An insecticide according to claim 1, wherein said each extract from mustard and horseradish of the third group comprises at least one compound of allyl isothiocyanate of formula 4 and butyl isothiocyanate of formula 5.

[Formula 4]

H₂C=CHCH₂-N=C=S

[Formula 5]

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 $CH_3(CH_2)_3$ -N=C=S

- 8. An insecticide according to claim 7, wherein the derivatives of extracts from mustard and horseradish of the fourth group comprise derivatives of said allyl isothiocyanate and butyl isothiocyanate.
- 9. An insecticide according to claim 1, wherein said extracts from cinnamon, the stem bark of *C. cassia*, comprise salicylaldehyde of formula 3.
- 10. An insecticide according to claim 9, wherein the derivatives of extracts from cinnamon of the third group comprise derivatives of said salicylaldehyde.